

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE

MONTEREY PARK, CA 91754-2156

(213) 266-7500



July 26, 1991

Mr. C. D. Van Gorden, President
Los Angeles By-Products Company
1870 East Twenty-Fifth Street
Los Angeles, CA 90058-1192

**WASTE DISCHARGE REQUIREMENTS & MONITORING AND REPORTING PROGRAM -
STRATHERN LANDFILL (File No. 58-137, Site No. 9) (CI 7055)**

Reference is made to our letter of June 24, 1991, which transmitted a copy of tentative waste discharge requirements for the disposal of inert wastes at Strathern Landfill.

Pursuant to Division 7 of the California Water Code, this California Regional Water Quality Control Board, at a public meeting held on July 22, 1991, reviewed the tentative Order, considered all factors in the case, and adopted Order No. 91-086 (copy attached) relative to this discharge.

Please reference all technical and monitoring reports to Compliance File No. 7055. We would appreciate it if you would not combine other reports, such as progress or technical reports, with your monitoring reports, but would submit each report as a separate document.

If you have any questions, please call Mr. Don Peterson at (213) 266-7578.

Rodney H. Nelson

RODNEY H. NELSON, Head
Landfills Unit

cc: See attached mailing list
Enclosures

LOS ANGELES BY-PRODUCTS COMPANY
MAILING LIST

Mr. Jorge Leon, State Water Resources Control Board, Office of
Chief Counsel
Ms. Elizabeth Babcock, State Water Resources Control Board,
Division of Water Quality
Department of Water Resources, Southern District
Mr. Bob Stone, California Integrated Waste Management Board,
Fullerton
Mr. Bill Orr, California Integrated Waste Management Board,
Sacramento
Mr. Don Dier, California Integrated Waste Management Board,
Sacramento, Permit Section
Department of Toxic Substances Control, Burbank
Mr. Gary Yamamoto, Department of Health Services, Water Sanitation
Section, Los Angeles
County of Los Angeles, Department of Public Works, Solid Waste
Management Section
County of Los Angeles, Department of Public Works, Engineering
Services Division
County of Los Angeles, Department of Public Works, Hydraulic/Water
Conservation Division
Mr. Richard Hansen, Director, County of Los Angeles, Department of
Health Services, Solid Waste Management Program
Mr. Delwin Biagi, Director, City of Los Angeles, Department of
Public Works, Bureau of Sanitation
Mr. Paul Rosa, City of Los Angeles, Department of Water and Power

STATE OF CALIFORNIA

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 91-086

WASTE DISCHARGE REQUIREMENTS
for
Los Angeles By-Products Company
(Strathern Landfill)
(File 58-137, Site No. 9)

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. Los Angeles By-Products Company has filed a Report of Waste Discharge with this Regional Board for the disposal of inert wastes.
2. Los Angeles By-Products Company proposes to operate a waste disposal site in the north-central part of the San Fernando Valley, located at 11201 Strathern Street, Sun Valley, CA, 91352. The site is approximately 2 miles northwest of the Hollywood-Burbank Airport.
3. The landfilling operation will reclaim a 34.7 acre, 160 foot deep, depleted sand and gravel pit which has an estimated capacity of 6,907,000 cubic yards and will complete the reclamation of sand and gravel pits in this area.
4. The maximum daily load capacity of this facility is 2700 tons per day. The average daily volume is expected to be 667 tons which represents 10-15 trucks per day.
5. This proposed landfill will operate five days a week. The posted hours of operation will be 7:00 A.M. to 3:00 P.M., Monday thru Friday.
6. This proposed landfill will enable compliance with the Sun Valley Community Plan which contains objectives that the subject pit should be filled and that the site subsequently should be converted to a recreational use.
7. In 1977 an Environmental Impact Report was certified and a ten year zone variance from the City of Los Angeles was granted. In 1987 this report was found to be out of date and a new Environmental Impact Report was written by the City of Los Angeles. The Board of Zoning Appeals certified EIR 87-0525 on March 5, 1991, and confirmed the Board of Zoning Appeals Determination Report. The EIR found the project would have no adverse impacts with respect to water quality.

8. The Regional Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin on June 3, 1991. This revised plan contains water quality objectives for the ground water of the San Fernando Subunit. The requirements contained in this Order, as they are met, will be in conformance with the goals of the Water Quality Control Plan.
9. Ground water within the San Fernando Subunit is beneficially used for municipal, domestic, agricultural and industrial water supply. Because nitrate and solvent levels in this area periodically exceed state standards, the untreated ground water in the vicinity of the site is considered unsuitable for drinking purposes.

The Regional Board has notified the discharger and interested parties and persons of its intent to prescribe Waste Discharge Requirements for this discharge.

The Regional Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that Los Angeles By-Products Company shall comply with the following:

A. Discharge Specifications

1. Wastes disposed of at this site shall be limited to non-water soluble, non-decomposable inert solids of the nature listed below:
 - a. earth, rock, gravel and concrete
 - b. glass
 - c. bricks
 - d. broken asphalt (asphalt shall not be dumped into standing water nor shall it be placed below the highest anticipated ground water elevation.
 - e. inert aggregate mining wastes
2. No hazardous wastes, designated wastes, or liquid wastes shall be deposited at this site.
3. No nonhazardous solid wastes (decomposable organic refuse such as, but not necessarily limited to, ordinary

household and commercial refuse, tin cans, metals, paper and paper products, cloth and clothing, wood and wood products, lawn clippings, sod, shrubbery, hair, hide, bones, dead animals, roofing paper, tar paper, unquenched ashes mixed, with refuse, market refuse, garbage, etc.) shall be deposited at this site.

4. No materials of a toxic nature such as insecticides, poisons, or radioactive materials, shall be deposited at this site.
5. No asbestos or asbestos products shall be deposited at this site.
6. Wastes deposited at this site shall be confined thereto, and shall not be permitted to enter drainage ditches or watercourses.
7. Erosion of deposited materials by surface flow shall be prevented.
8. Neither the discharge nor any treatment of wastes shall cause pollution or nuisance.
9. The discharger shall remove and relocate at a legal disposal site any wastes which are discharged in violation of these requirements.

B. Provisions

1. The discharger shall develop a workplan acceptable to the Executive Officer that describes the locations and construction details of a ground water monitoring network that will adequately ascertain if there is any impact to ground water quality as a result of the operation of this disposal site. This workplan must be submitted to the Executive Officer ninety (90) days after adoption of this Order, and must include the following:
 - a. A map depicting the locations of the ground water monitoring wells and a rationale for their number and spatial distribution.
 - b. Drawings and data depicting construction details of the proposed ground water monitoring network. These data must include:
 - i) casing, borehole diameters and method of drilling

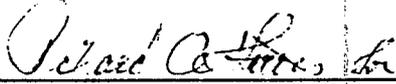
- ii) casing materials to be used
- iii) depth of each hole
- iv) size, length, and position, of screen
- v) nature and emplacement of filter pack and rationale for them
- vi) depth, composition and emplacement of seals
- vii) method and timetable for well development

This workplan shall also include a schedule for implementation.

2. The discharger shall use the statistical procedures contained in Subsection 2555 (h), Chapter 15, Division 3, Title 23, California Code of Regulations, to determine if there is a statistically significant increase for any background indicator parameter. Upon approval of the Executive Officer, alternative statistical procedures may be used.
3. In the event that a statistically significant increase is observed for any background indicator parameter, the discharger shall establish a verification program in accordance with Subsection 2556 (b) of Chapter 15 unless such a program has already been submitted.
4. If verification monitoring determines that there is a statistically significant increase in the water quality protection standard (background indicator parameters), then the discharger shall institute a corrective action monitoring program in accordance with Subsection 2557 (g) of Chapter 15.
5. The discharger shall take any and all necessary measures to prevent unauthorized disposal of wastes at this site by instituting a waste load checking program. A workplan outlining this program must be submitted to the Executive Officer for approval within ninety (90) days after adoption of this Order.
6. The discharger shall maintain a copy of this Order at the site so as to be available at all times to personnel operating the site.
7. The discharger shall file with this Regional Board a report of any material change or proposed change in the character, location, boundaries or quantity of this waste discharge at least 120 days prior to the date of such proposed change.

8. In the event of any change in name of operator or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Regional Board in writing of such a change; and
 - b. Notify the succeeding owner or operator by letter, a copy of which shall be filed with this Regional Board, of the existence of this order.
9. Ninety (90) days prior to cessation of disposal operations at this site, the discharger shall submit a technical report to the Regional Board describing the methods and controls to be used to assure protection of the quality of receiving waters during final operations and with any proposed subsequent use of the land. Such methods and controls shall comply with the foregoing and be waste discharge requirements. The report shall be prepared under the direct supervision of a California-registered geologist or engineer, or a California-certified engineering geologist.
10. This Regional Board considers the property owner to have continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes.
11. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained in other statutes or required by other agencies.
12. In accordance with the California Water Code, the discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.
13. According to Section 13263 of the California Water Code, these requirements are subject to periodic review and revision by this Regional Board.

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region on July 22, 1991.



ROBERT P. GHIRELLI, D.Env.
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD,
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 7055
for
LOS ANGELES BY-PRODUCTS COMPANY
(Strathern Landfill)
(File No. 58-137 Site No. 9)

I. Reporting

- A. The discharger shall implement this monitoring and reporting program at the first quarter immediately following adoption of these Waste Discharge Requirements.
- B. Monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

All ground water monitoring wells must be sampled quarterly according to this schedule until one year of sampling is complete. Thereafter, the monitoring frequency will be decreased to semi-annually with reports due on July 15th and January 15th of every year.

- C. If no wastes are disposed of during the quarter, the report shall so state.
- D. Each monitoring report must affirm in writing that:
- "All analyses were conducted at a laboratory certified for such analyses in accordance with Section 13176 of the California Water Code and in accordance with current EPA 40 CFR, Part 261 guidelines, or as specified in this Order."
- E. For any analyses performed for which no procedure is specified in the EPA guidelines or in this Order, the constituent or parameter analyzed and the method or procedure used must be specified in the report.
- F. The monitoring report must also include the following:
- Sampling protocol used.
 - Laboratory analytical result sheets, chain of custody

- documentation, and dates which indicate when the ground water samples were obtained, analyzed, and when the results were reported. Practical quantification limits must be specified. Laboratory QA/QC must also be included.
- c. If any required samples were omitted during the reporting period, a statement to that effect shall be made, including an explanation for the omission.
 - d. Ground water elevations measured to the nearest 0.01 foot relative to mean sea level.
 - e. An evaluation of the results of the water testing signed by a California-registered geologist or engineer or California-certified engineering geologist.
- G. Where the units for a parameter are listed as ug/l(ppb), suitable analytical techniques shall be used to achieve this precision. All minimum limits of detection shall be below the current Action Levels recommended by the California Department of Health Services, or the minimum limit of detection specified in EPA Methods, or Appendix A, 40 CFR 136, if the Action Level is not achievable.
- H. Analytical data reported as "less than" shall be reported as less than a numeric value or below the limit of detection for that particular analytical method.
- I. All analytical samples obtained for this Program shall be grab samples.
- J. After approval of the required waste load checking program, results of that checking program shall be reported in each monitoring report. In the event that a hazardous or other unacceptable wastes are detected, the type, source, and final disposition of those wastes shall also be reported.

II. Waste Disposal Reporting

- A. The first report to the Regional Board shall include a map of the site indicating the areas that are currently being filled.
- B. A report containing the following information shall be filed with this Regional Board for each calender quarter:
 - a. A tabular list of the estimated average monthly

quantities (in cubic yards) and types of materials deposited each month. If no wastes were deposited during the quarter, the report shall so state.

- b. The areas of the site where the above materials were deposited. If a new area has been started, submit another map of the site and indicate the new areas being filled and any recently completed areas.
- c. An estimate of the remaining life of the site in years and months.
- d. A certification that all wastes deposited were in compliance with the Regional Board's requirements and that no wastes have been deposited outside of the boundaries of the site as specified in the Regional Board's requirements.

III. Ground Water Monitoring

- A. The ground water monitoring program is to be continued even during periods when no wastes are deposited at the site.
- B. All of the ground water monitoring wells will be sampled quarterly until completion of the first year, and semi-annually thereafter, for the following indicator parameters:

<u>Parameter</u>	<u>Units</u>
pH: field and Laboratory	pH units
electrical conductivity	umhos/cm
alkalinity	mg/l
bicarbonate (as HCO ₃)	mg/l
carbonate (as CO ₃)	mg/l
carbon dioxide	mg/l
chemical oxygen demand	mg/l
total hardness (as CaCO ₃)	mg/l
total dissolved solids	mg/l
cadmium	µg/l
chloride	mg/l
chromium	µg/l
iron	mg/l
lead	µg/l
nickel	mg/l
nitrates	mg/l
sulfate	mg/l
benzene	µg/l
PCE (perchloroethylene)	µg/l

TCE (trichloroethylene)
vinyl chloride

$\mu\text{g}/\text{l}$
 $\mu\text{g}/\text{l}$

In addition, the first analyses shall include determinations for all EPA priority pollutants.

This monitoring program includes the attached general monitoring and reporting provisions.

Ordered by:

Richard A. Jones for the
Executive Officer

Date:

July 22, 1991